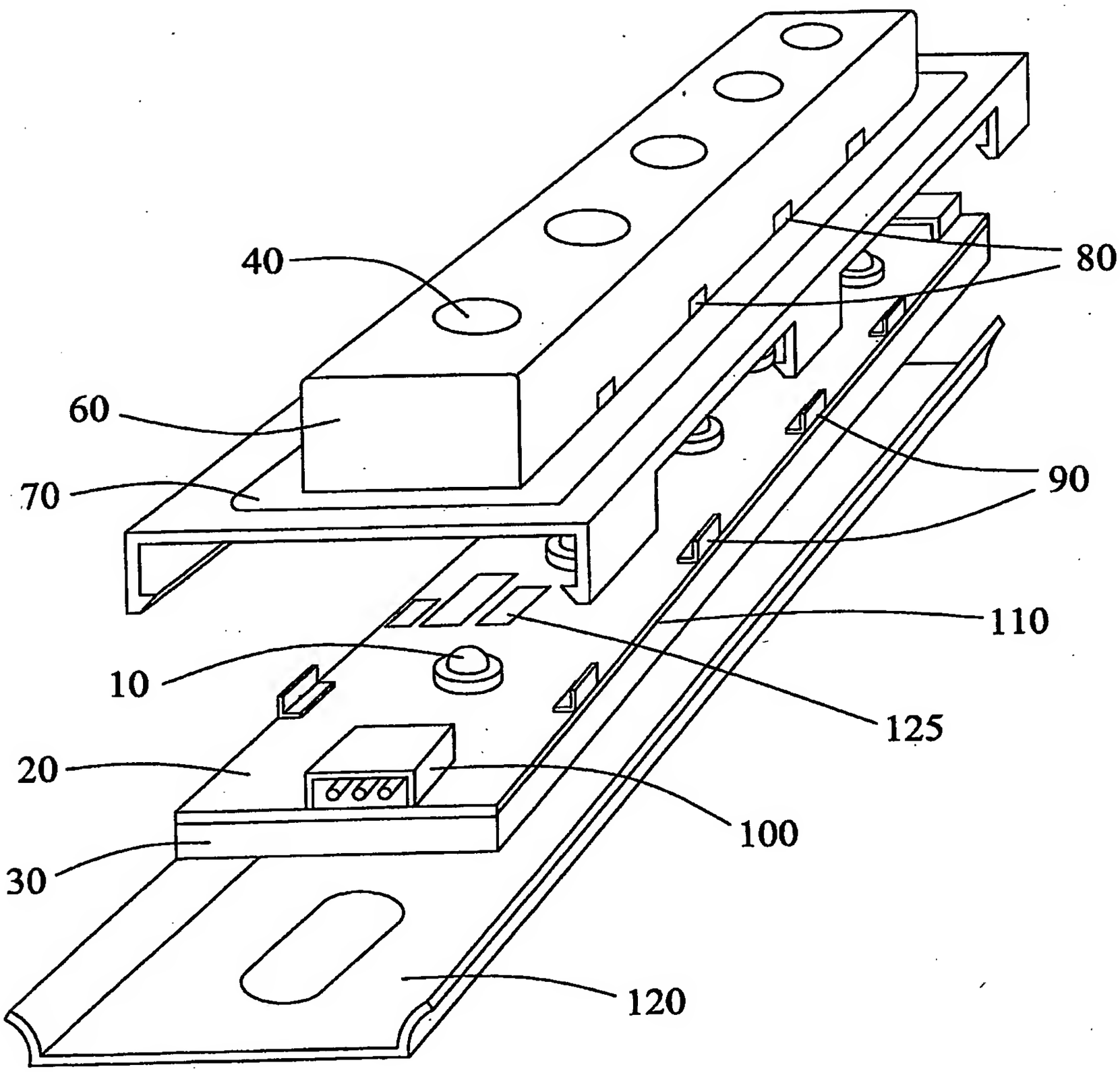

FIGURE 1

SUBSTITUTE SHEET (RULE 26)

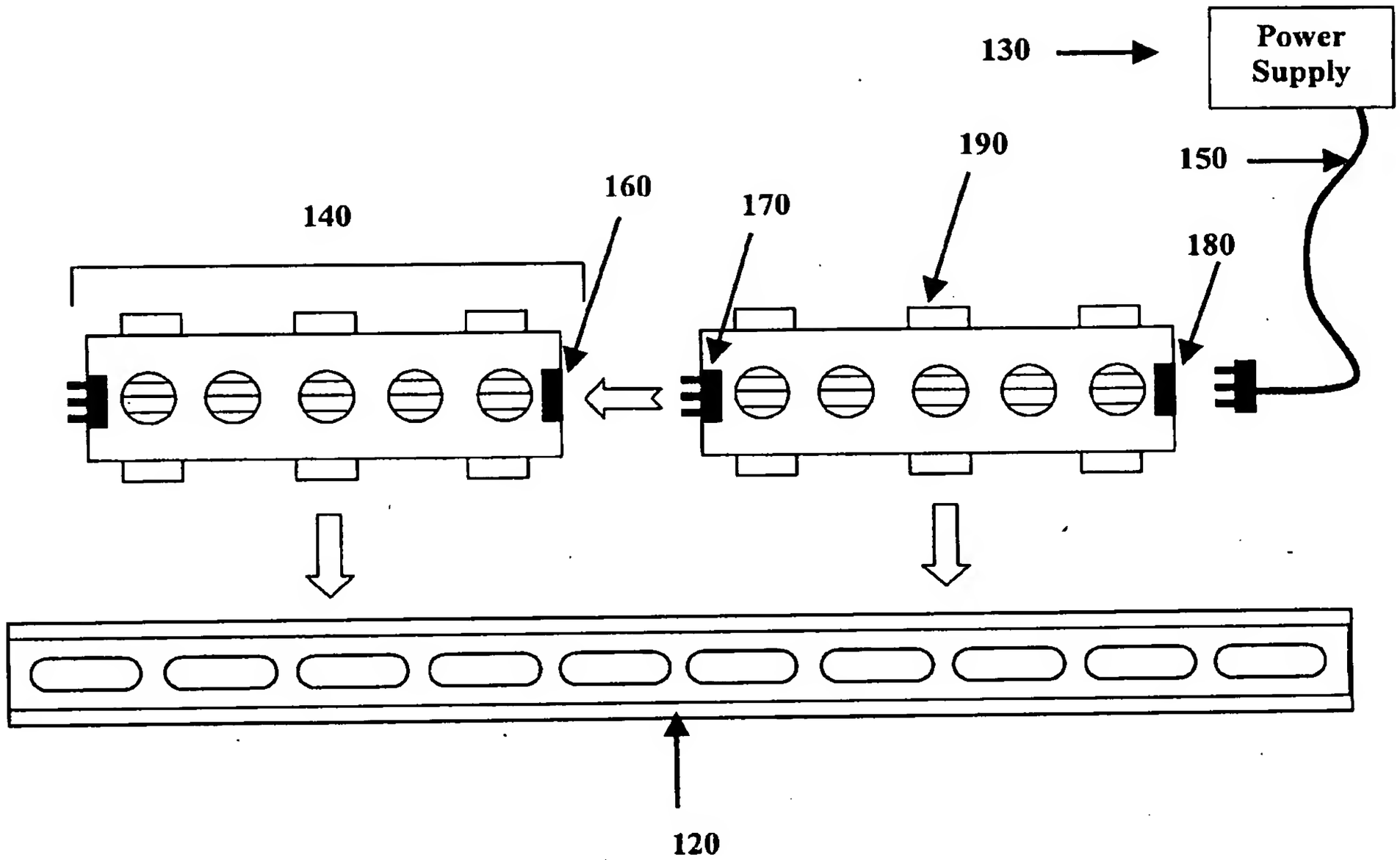

FIGURE 2

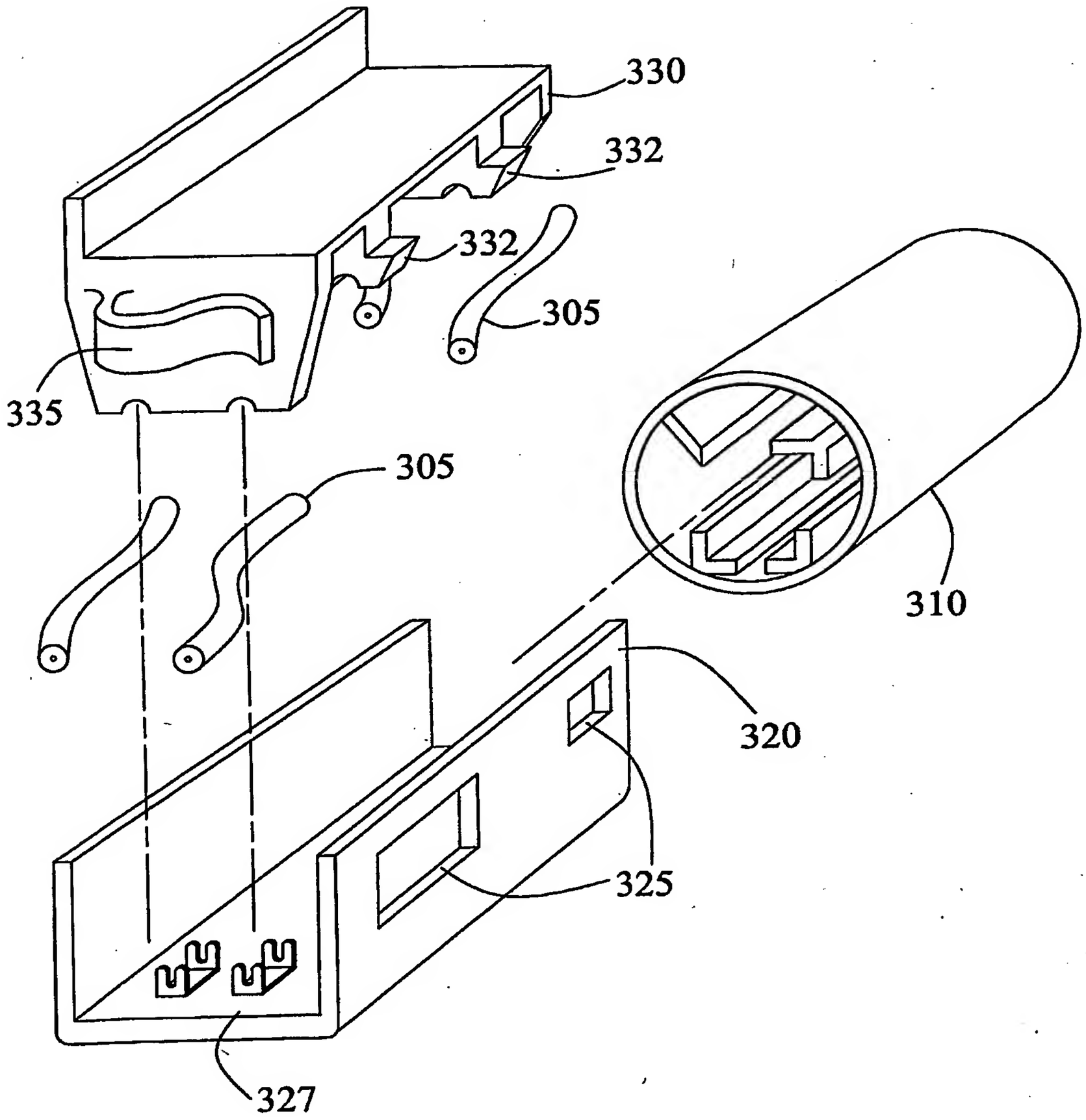

FIGURE 3

SUBSTITUTE SHEET (RULE 26)

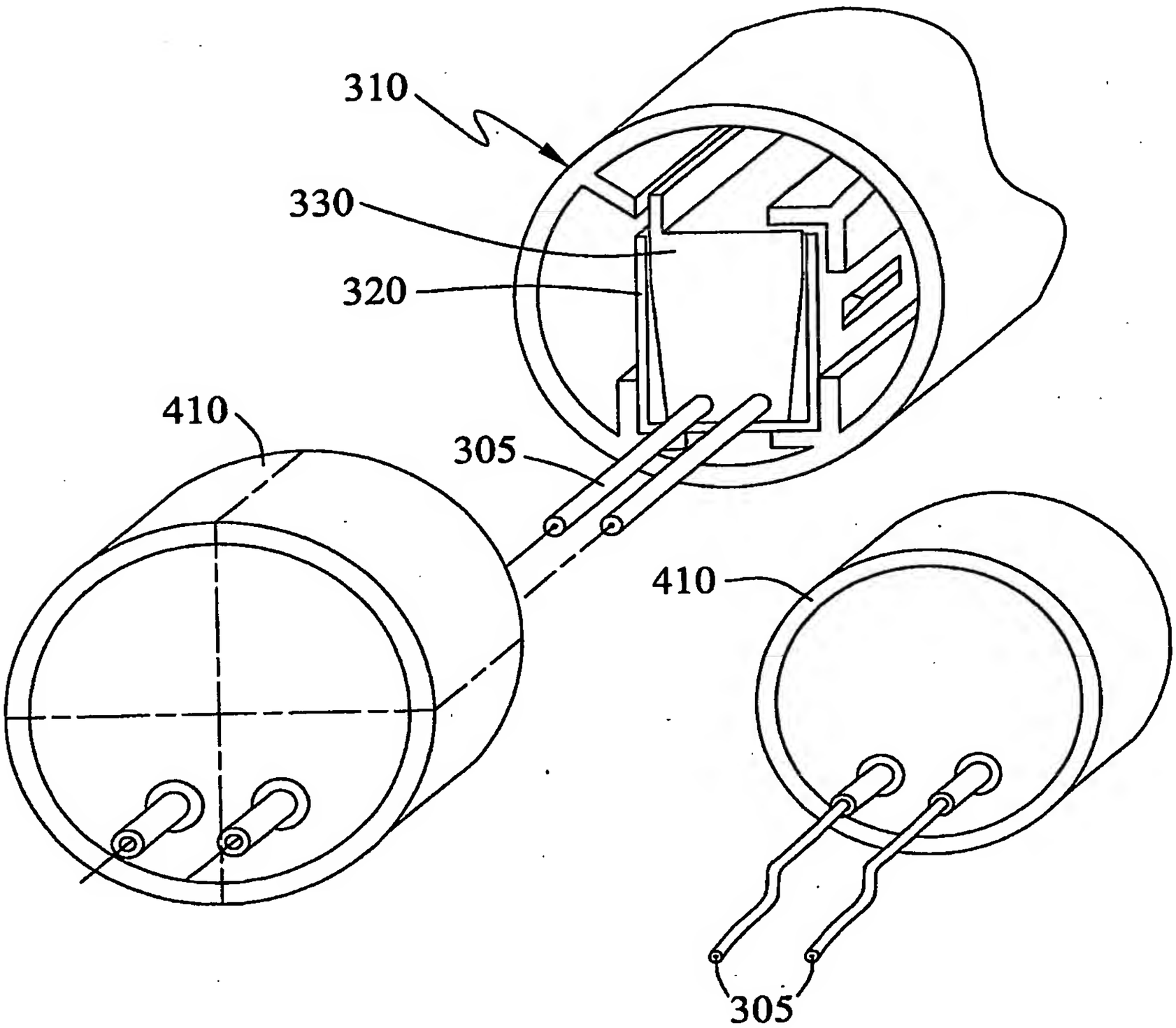

FIGURE 4

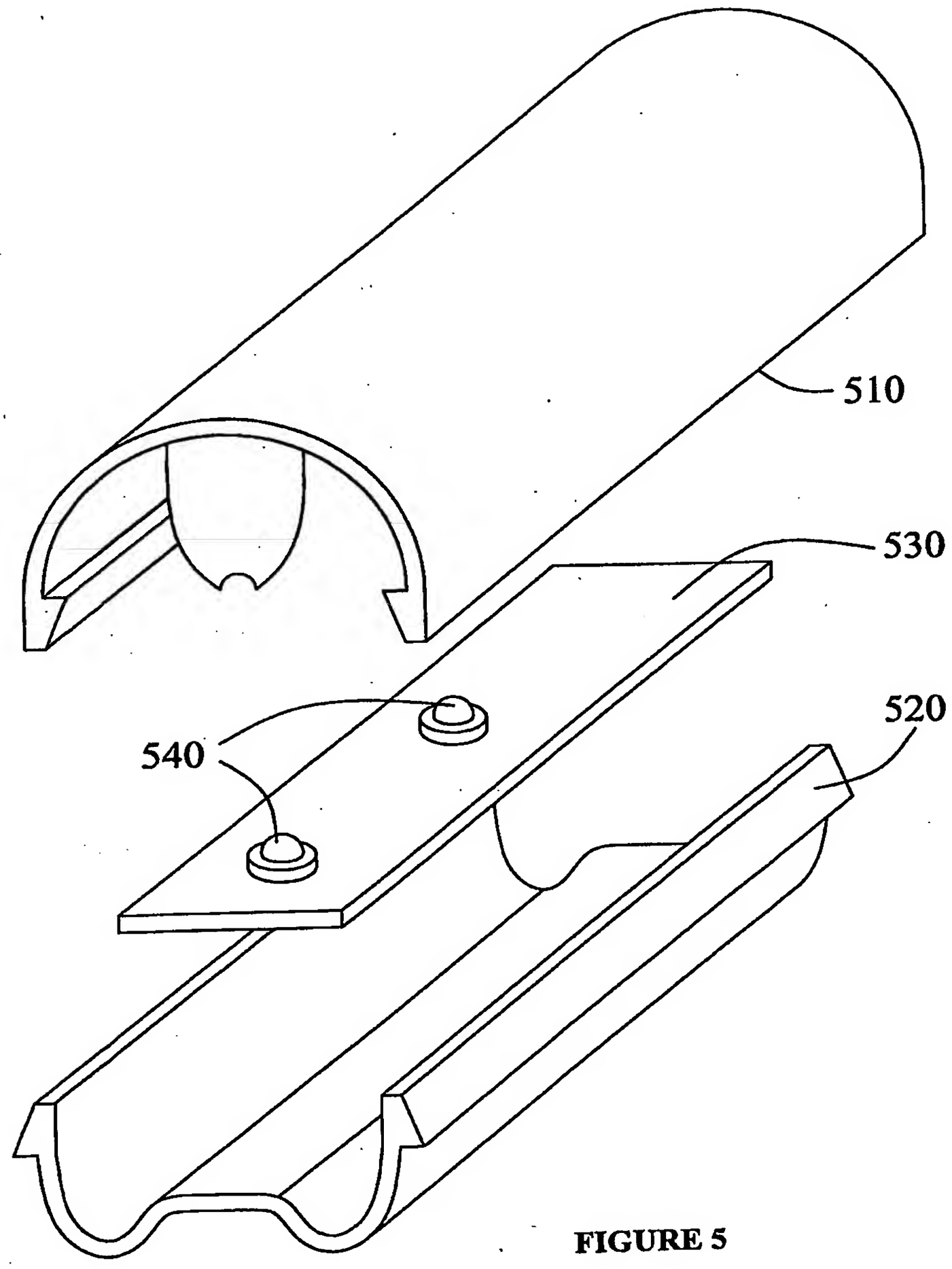

FIGURE 5

SUBSTITUTE SHEET (RULE 26)

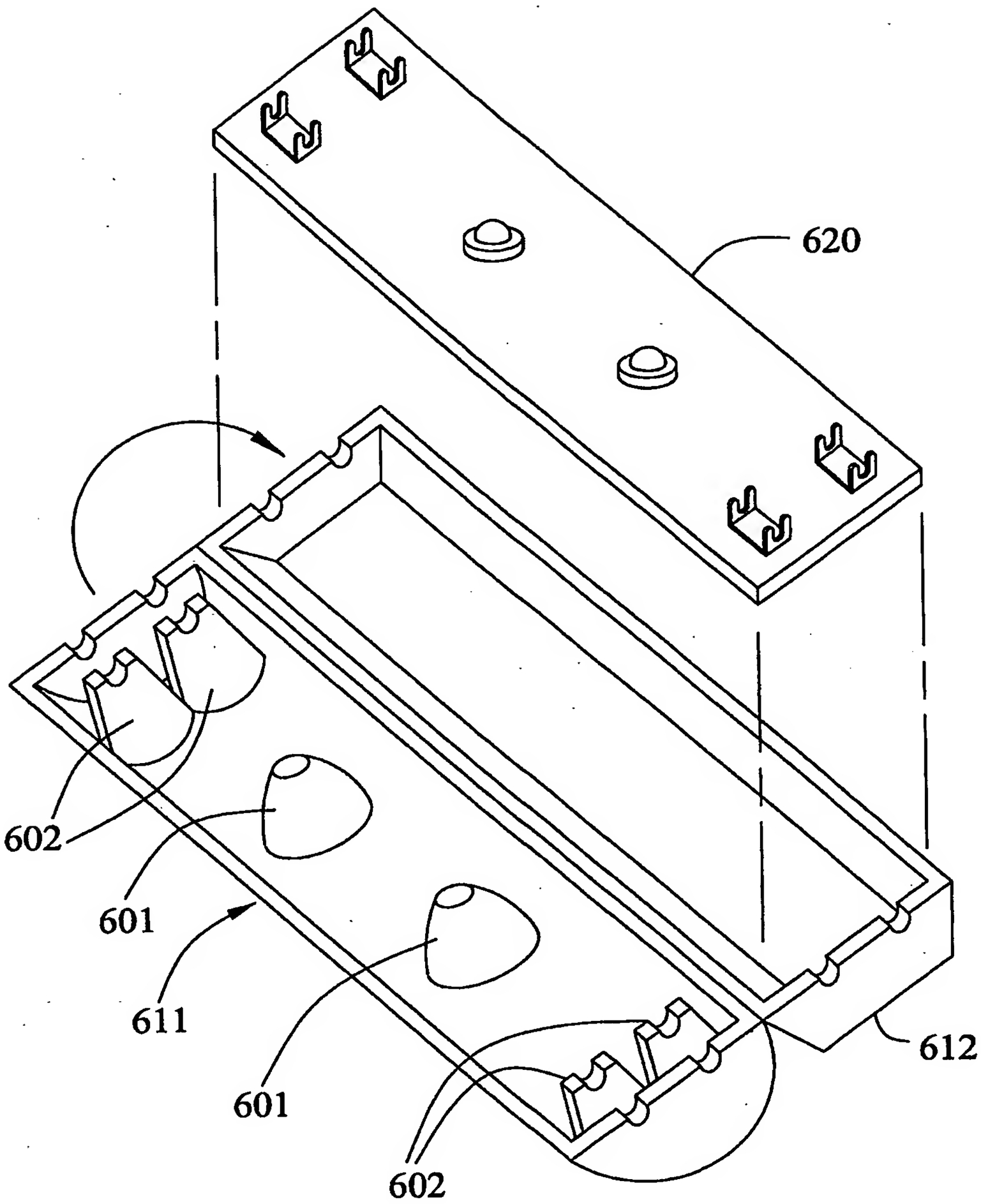

FIGURE 6

SUBSTITUTE SHEET (RULE 26)

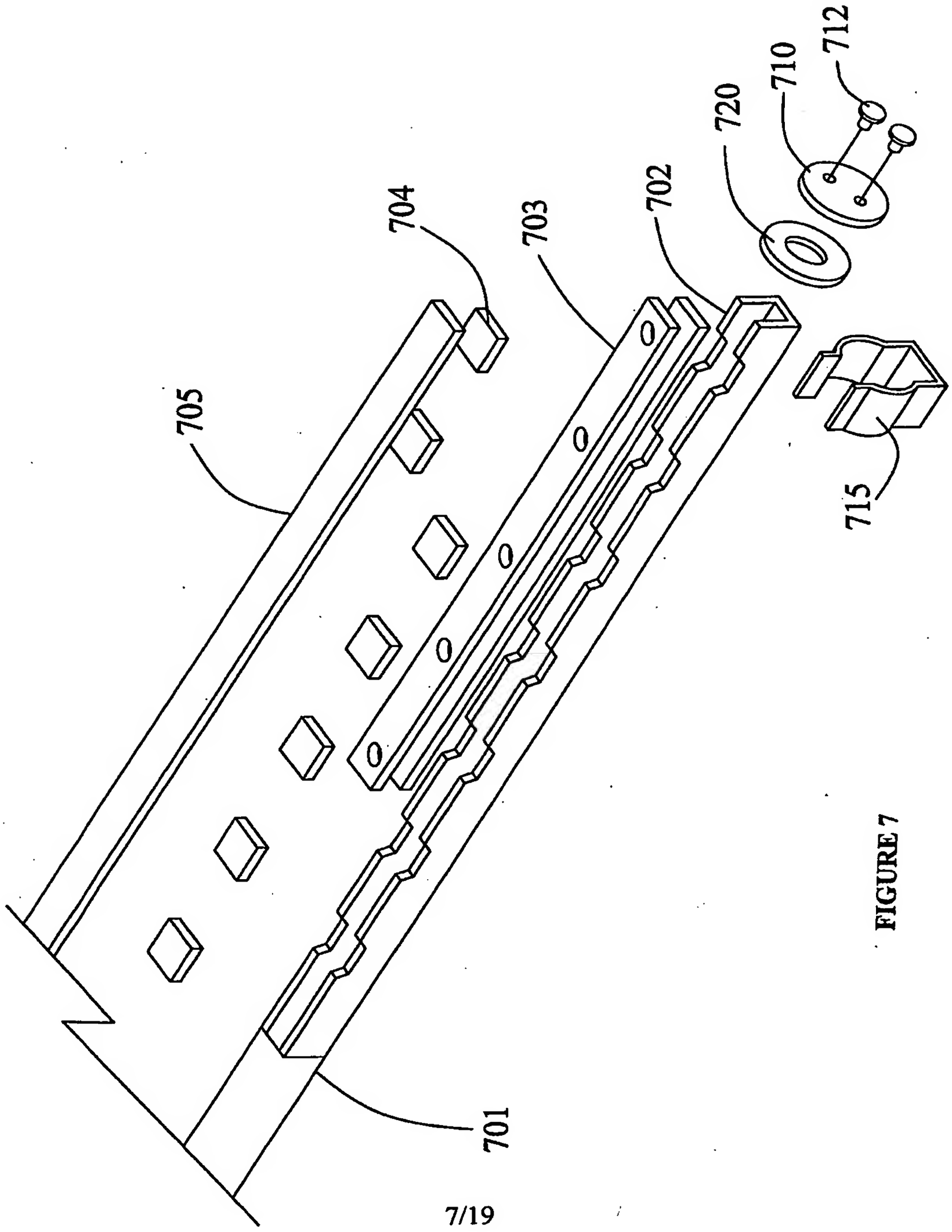

FIGURE 7

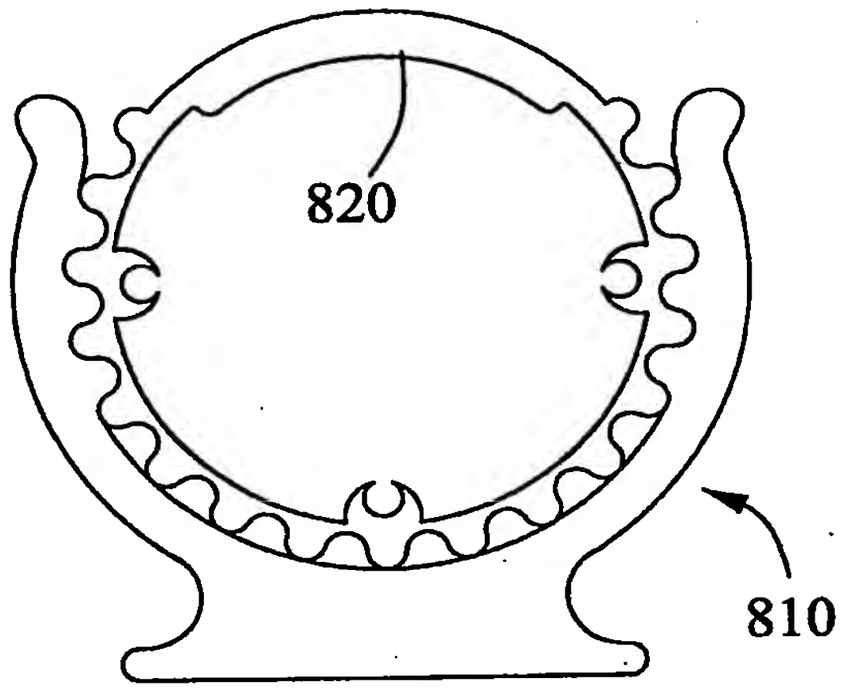

FIGURE 8A

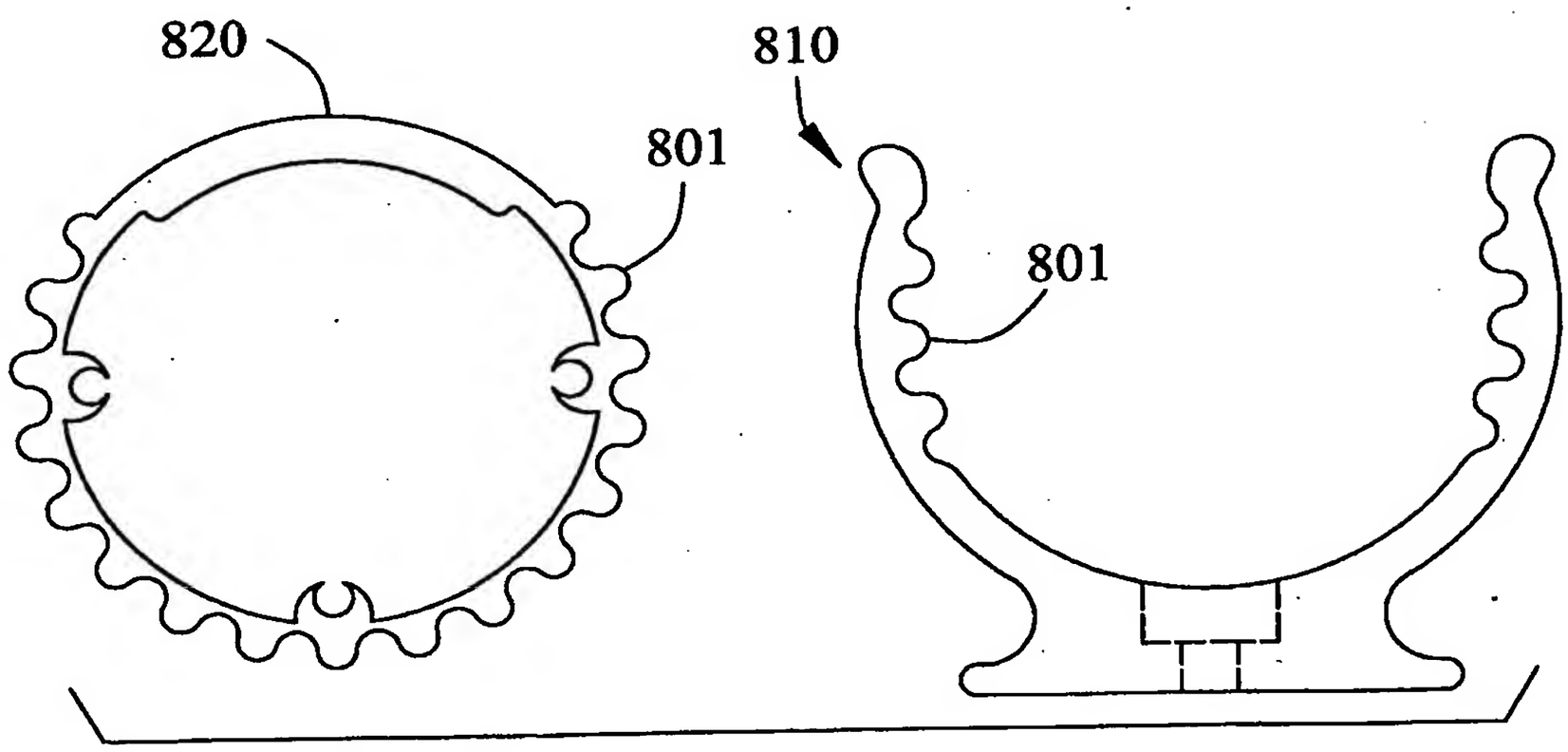

FIGURE 8B

SUBSTITUTE SHEET (RULE 26)

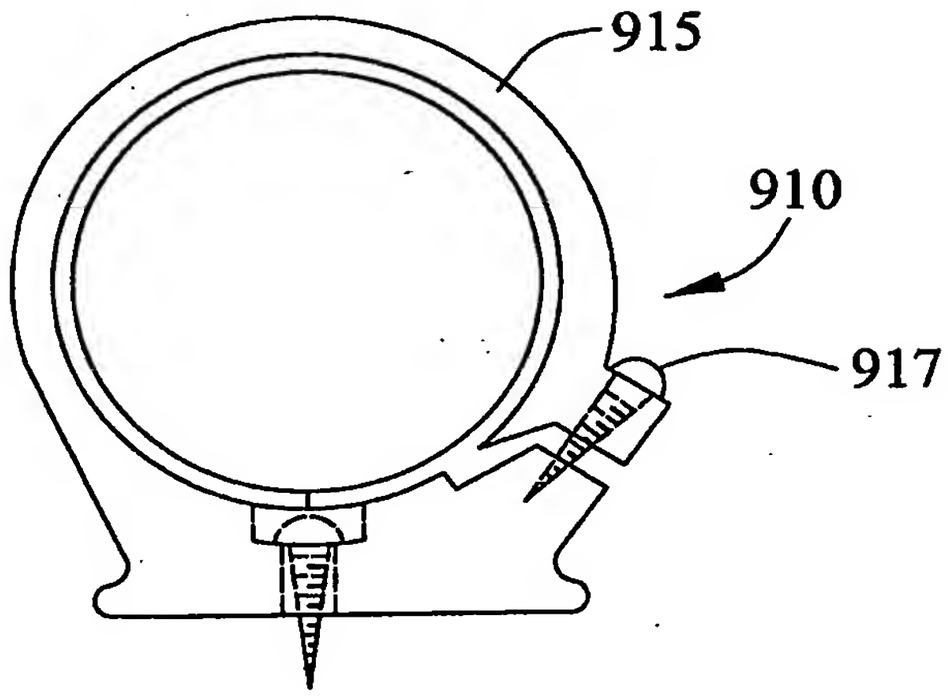

FIGURE 9A

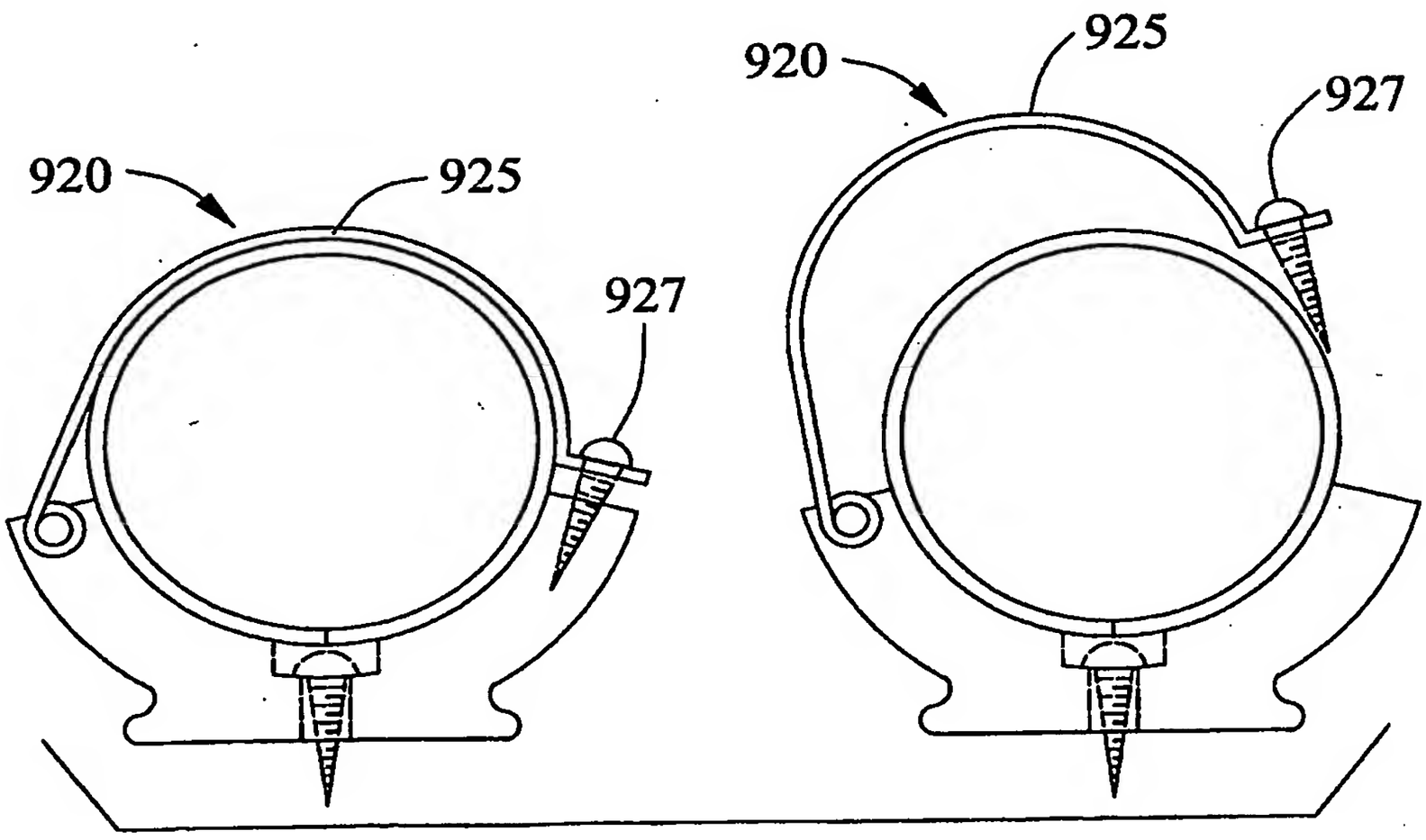

FIGURE 9B

SUBSTITUTE SHEET (RULE 26)

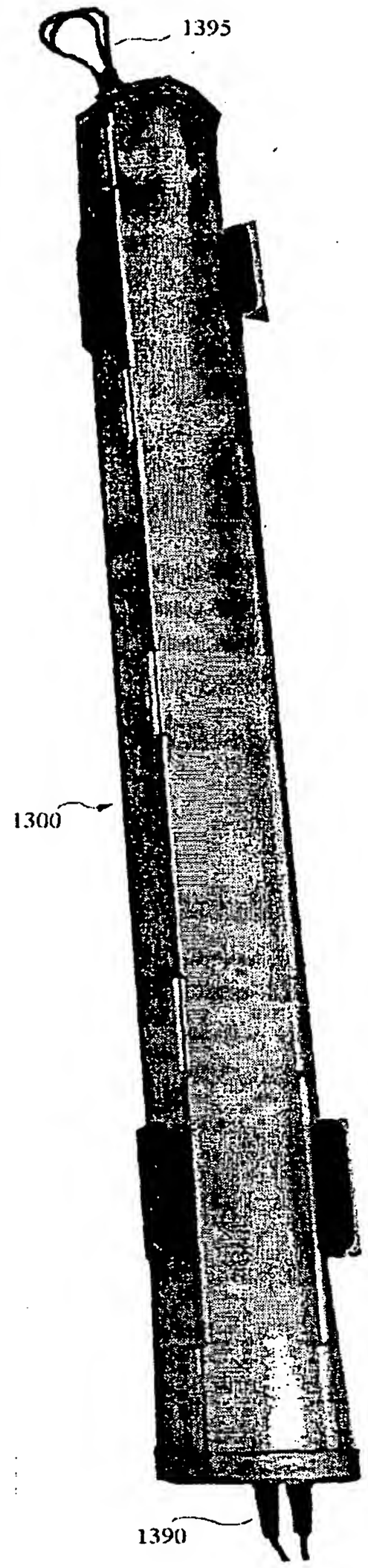

FIGURE 10

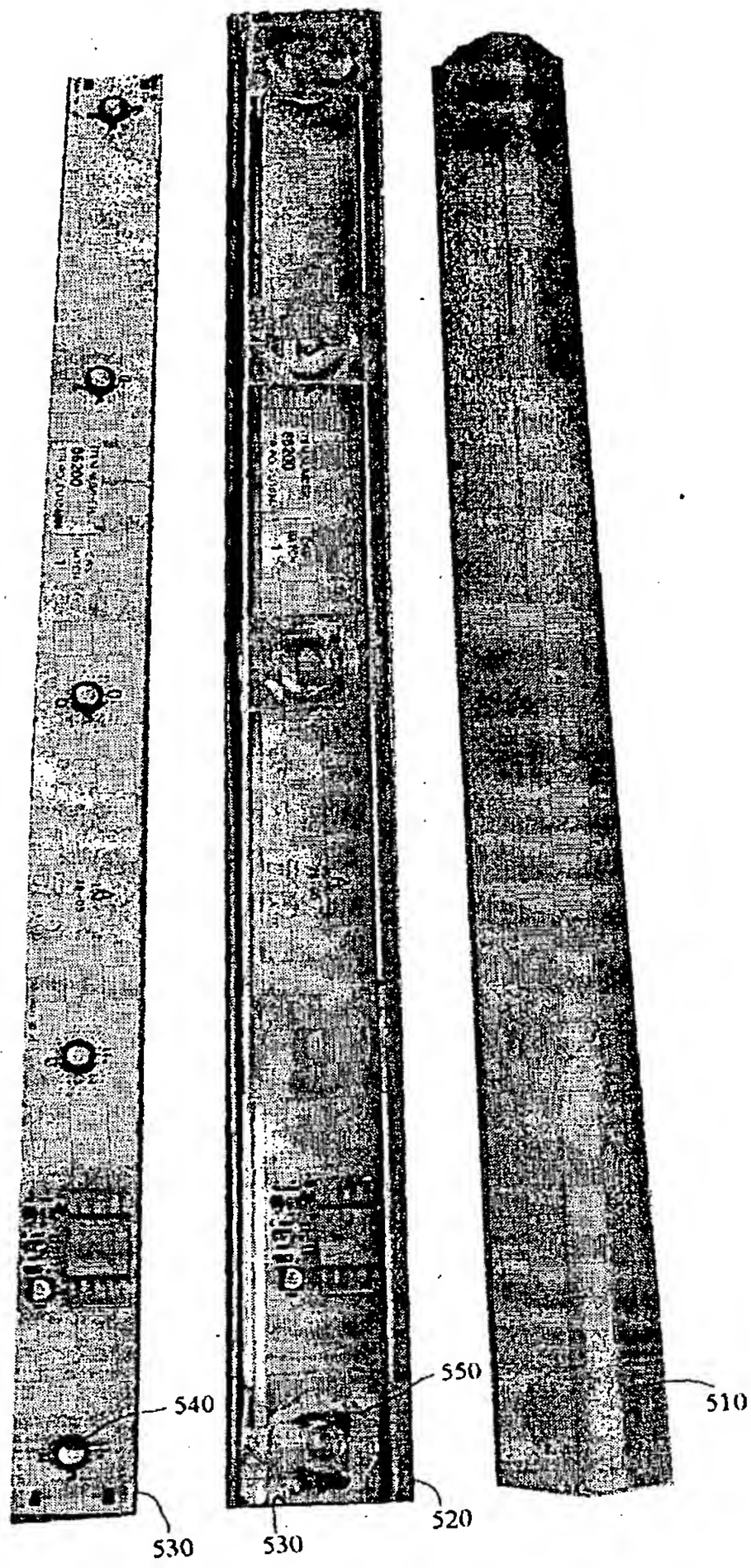

FIGURE 11

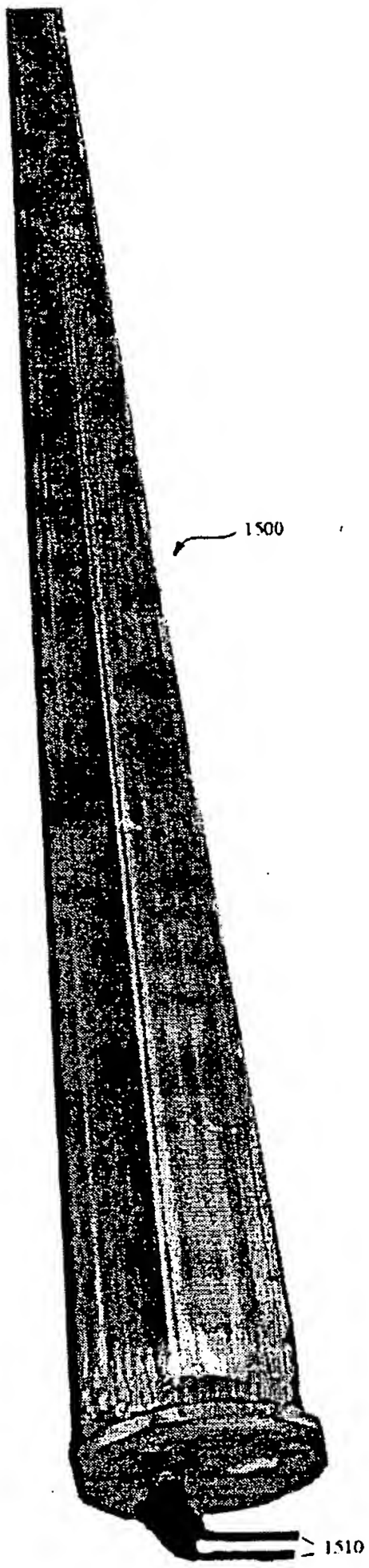

FIGURE 12

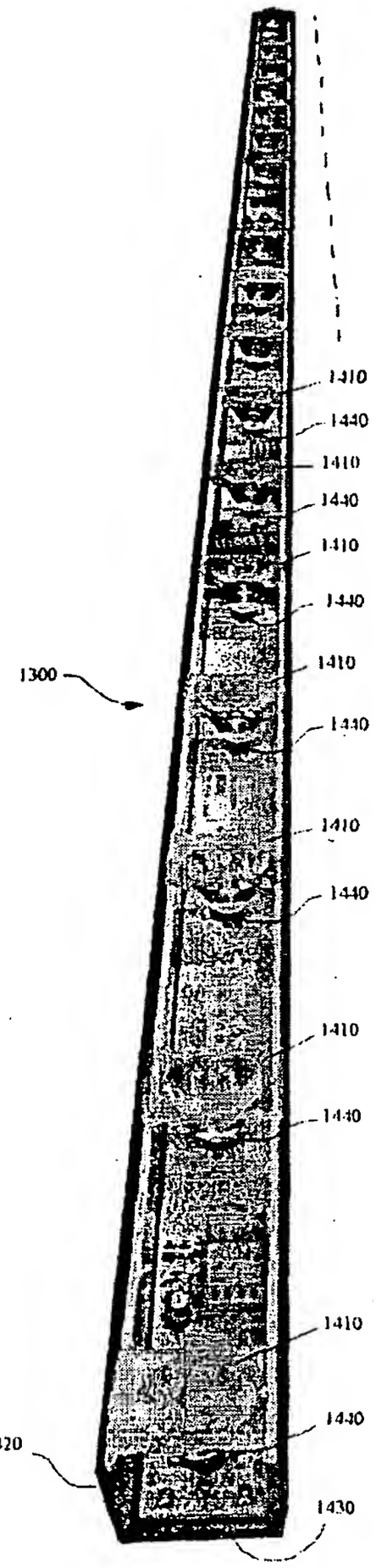
1300
1410
1440
1410
1440
1410
1440
1410
1440
1410
1440
1410
1440
1410
1420
1430

FIGURE 13

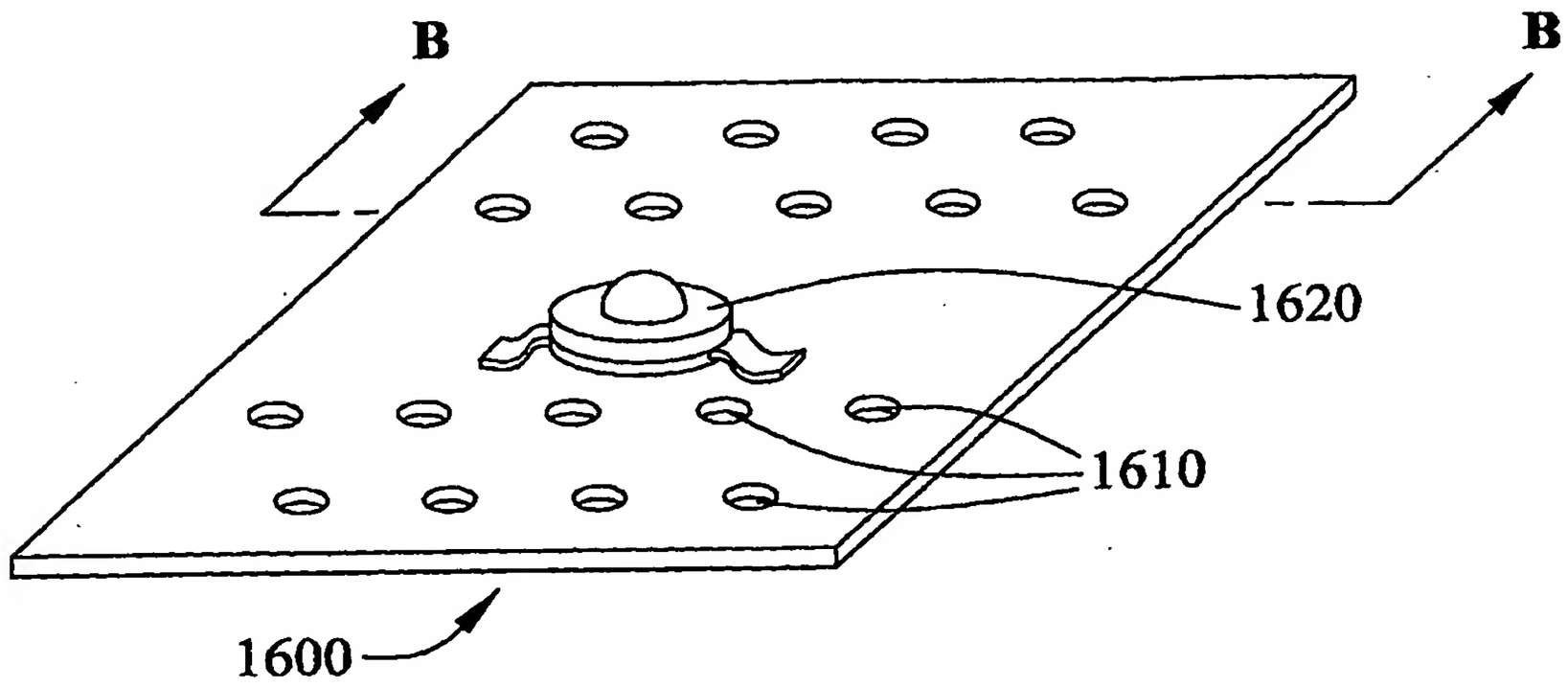

FIGURE 14A

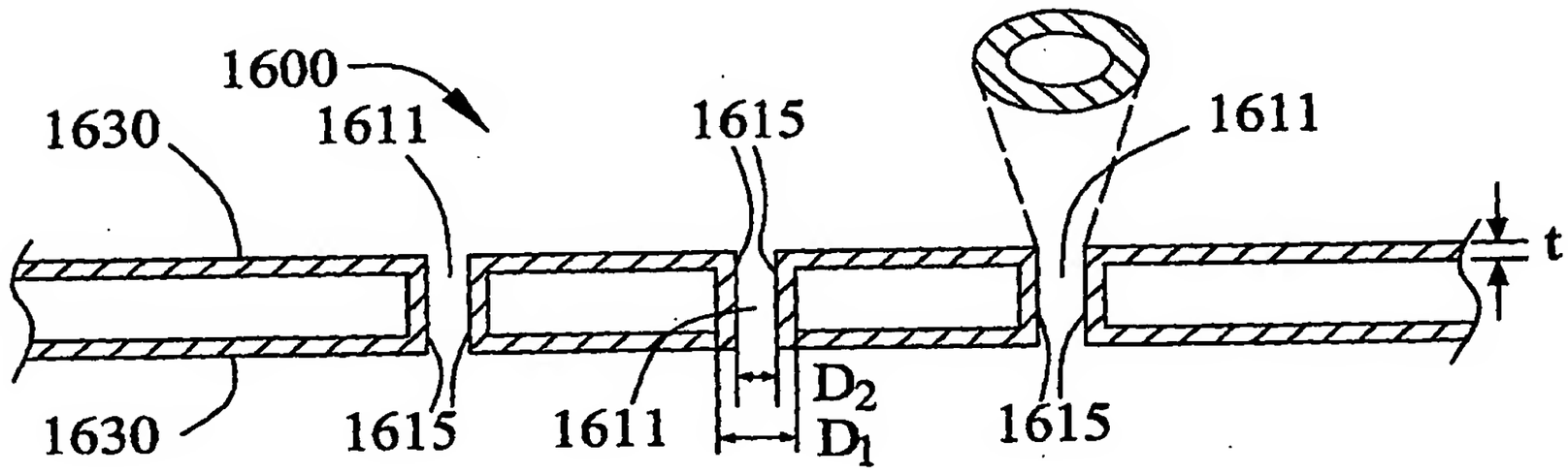

FIGURE 14B

SUBSTITUTE SHEET (RULE 26)

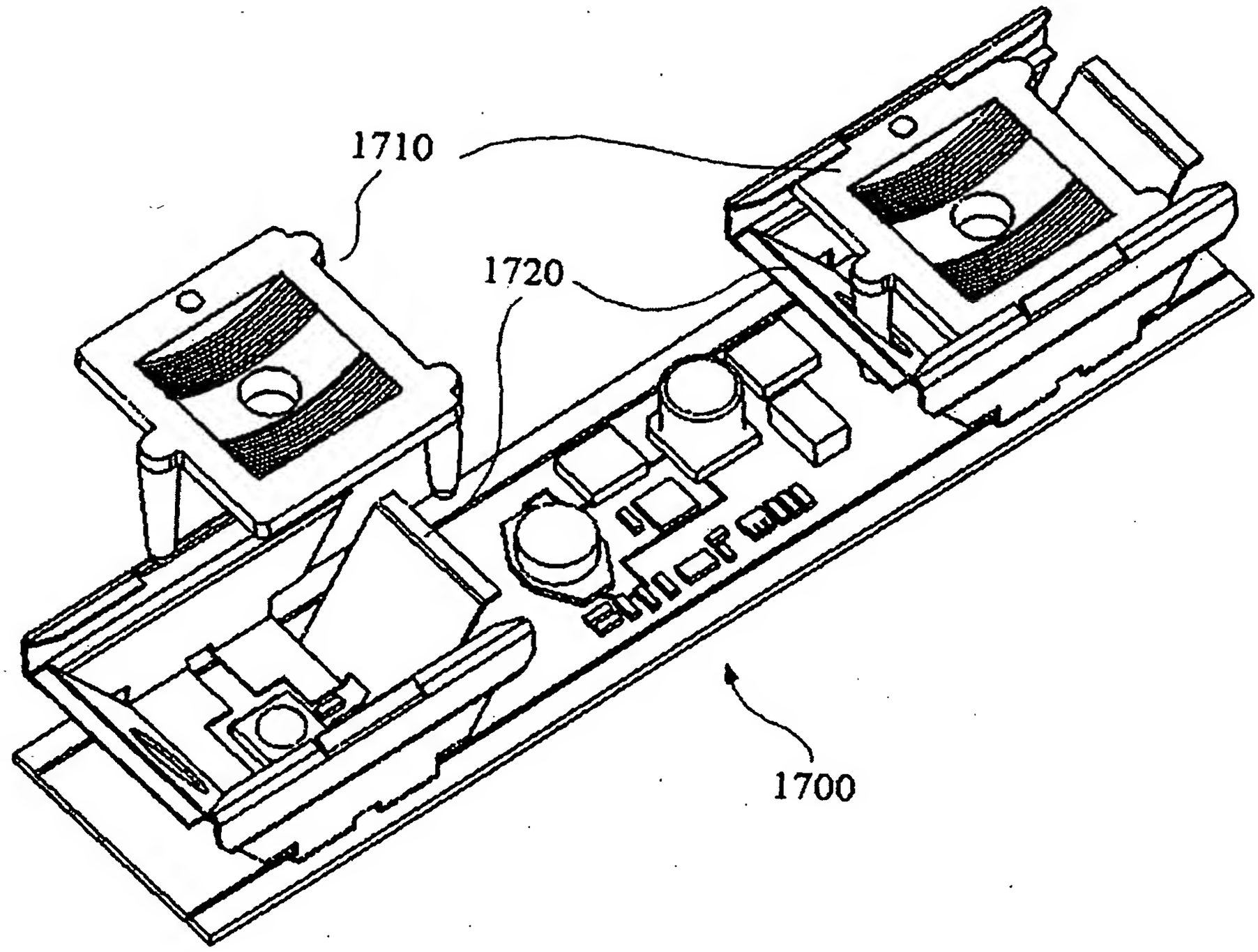

FIGURE 15

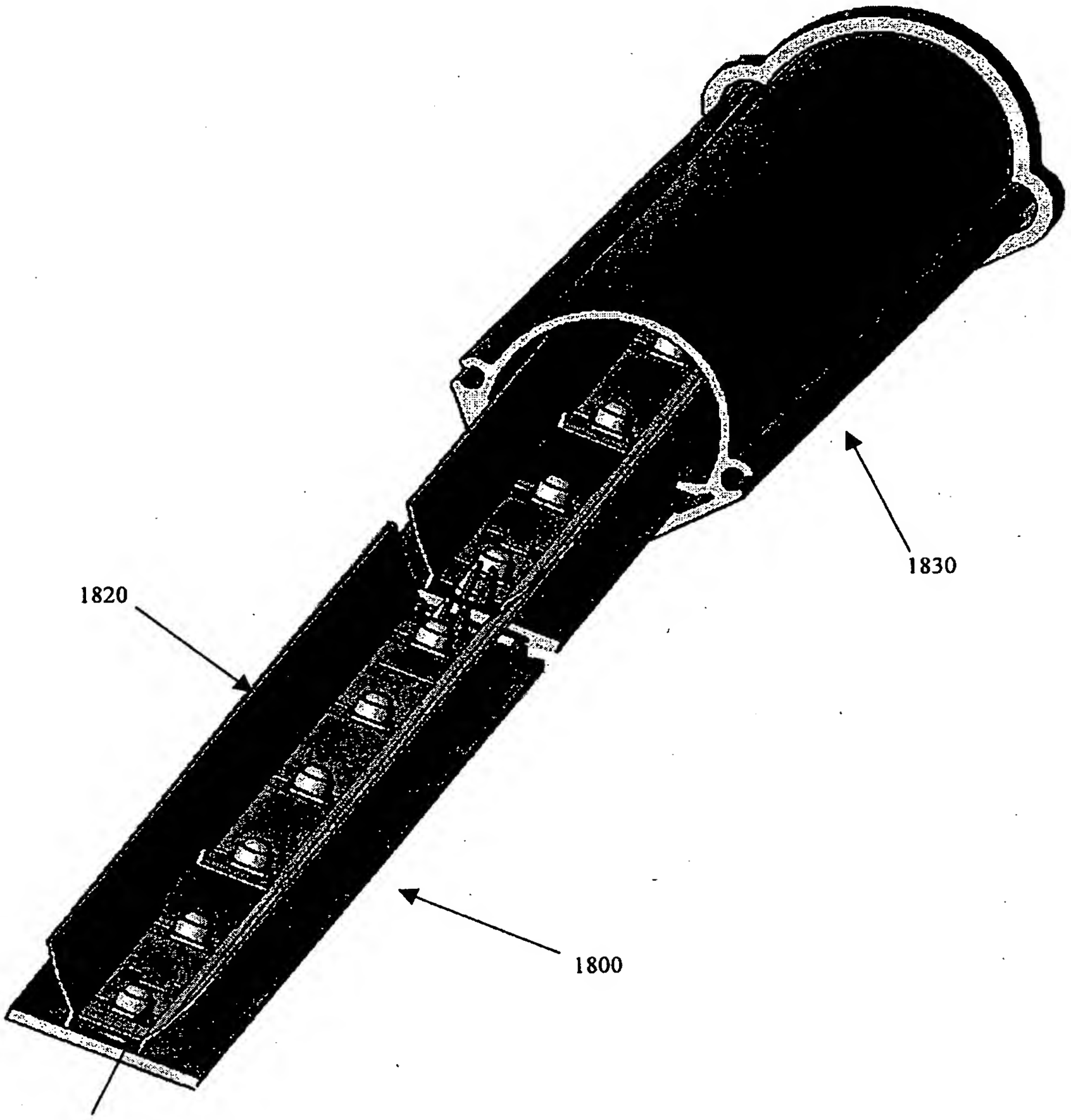

FIGURE 16

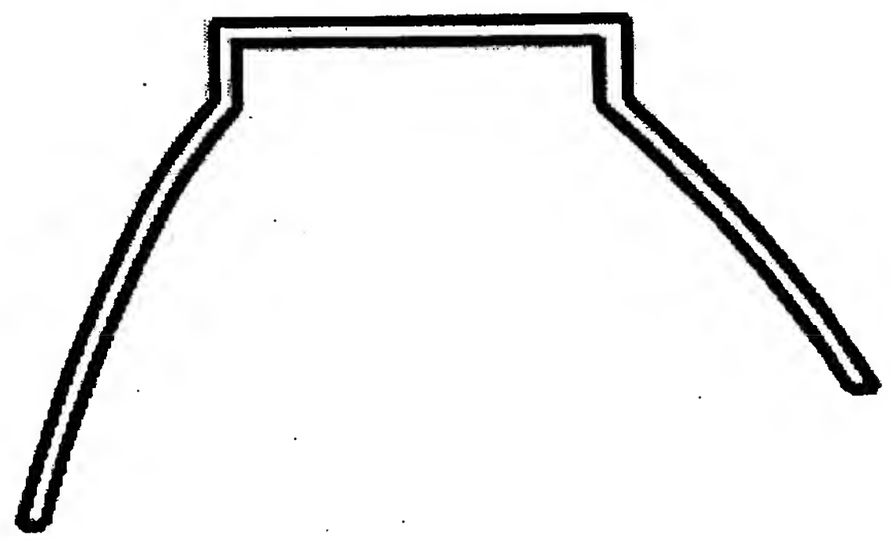

FIGURE 17

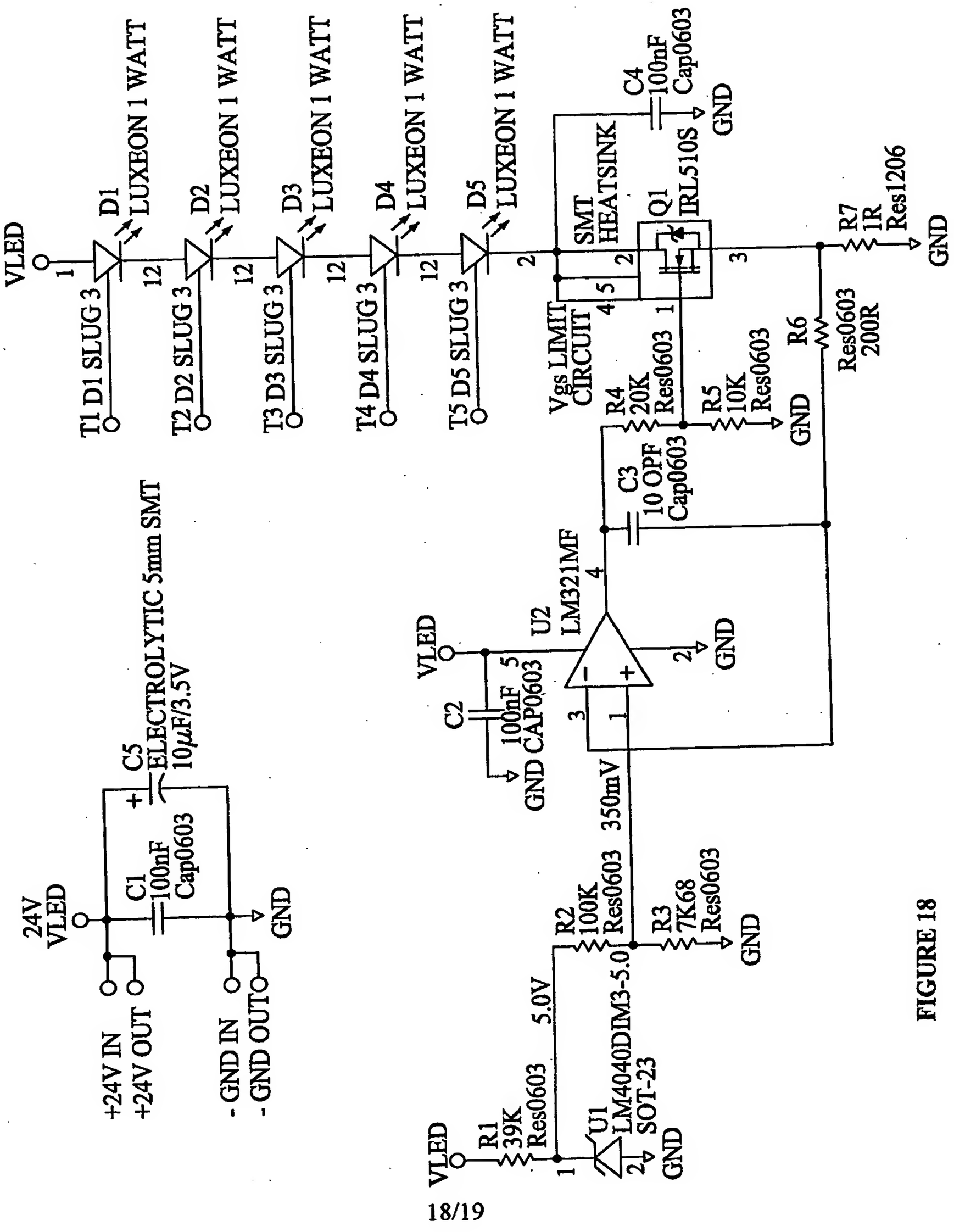
VLED
D1 LUXEON 1 WATT
D2 LUXEON 1 WATT
D3 LUXEON 1 WATT
D4 LUXEON 1 WATT
D5 LUXEON 1 WATT
T1 D1 SLUG 3
T2 D2 SLUG 3
T3 D3 SLUG 3
T4 D4 SLUG 3
T5 D5 SLUG 3
SMT HEATSINK
C4 100nF Cap0603
Q1 IRL510S
GND
R7 1R Res1206
Vgs LIMIT CIRCUIT
R4 20K Res0603
R5 10K Res0603
R6 Res0603 200R
C3 10 OPF Cap0603
U2 LM321MF
C2 100nF CAP0603
350mV
C5 ELECTROLYTIC 5mm SMT 10µF/3.5V
C1 100nF Cap0603
24V VLED
+24V IN
+24V OUT
- GND IN
- GND OUT
R2 100K Res0603
R3 7K68 Res0603
5.0V
R1 39K Res0603
U1 LM4040DIM3-5.0 SOT-23

FIGURE 18

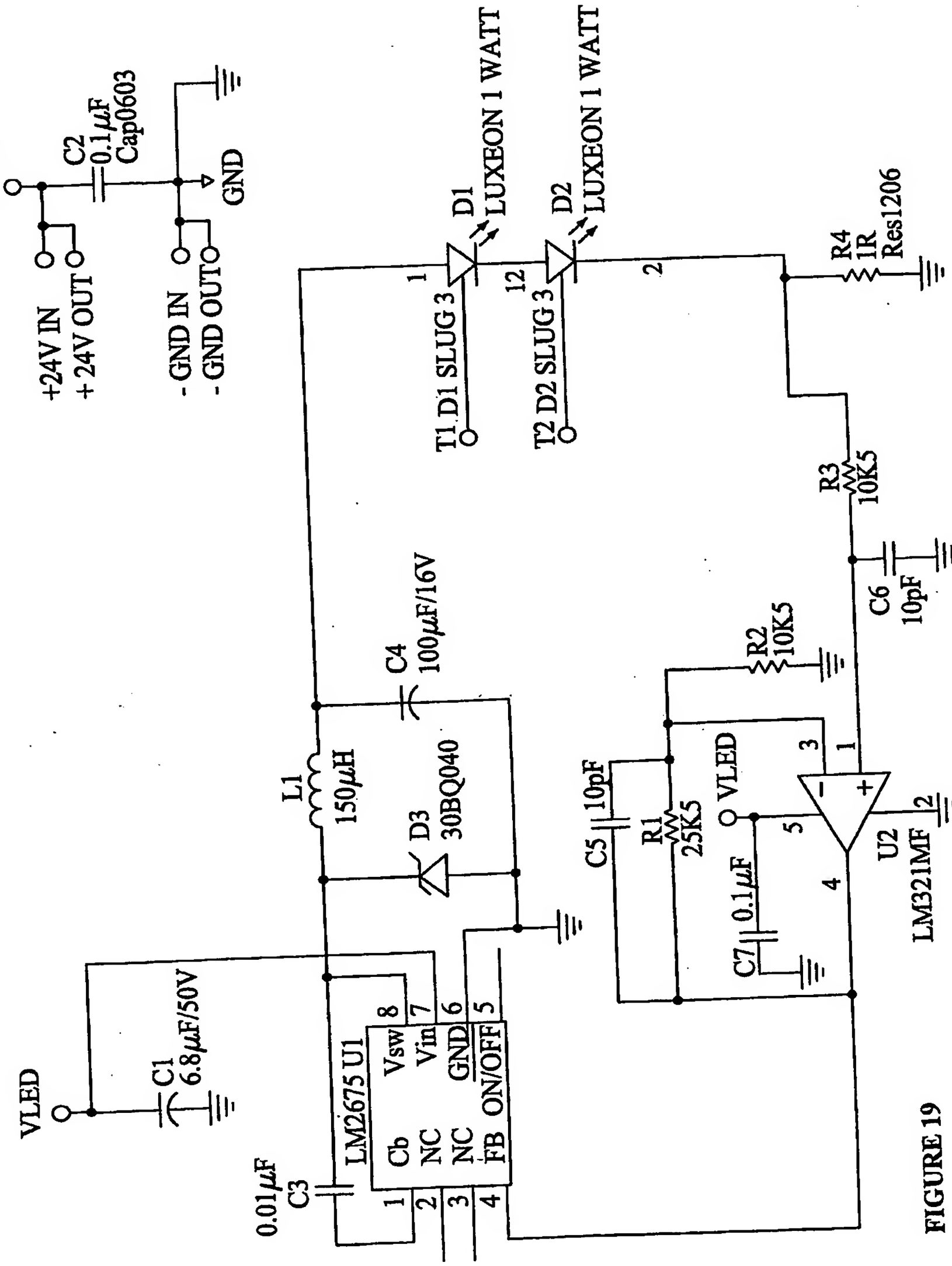
VLED
C2
0.1μF
Cap0603
GND
+24V IN
+ 24V OUT
- GND IN
- GND OUT
D1
LUXEON 1 WATT
D2
LUXEON 1 WATT
R4
1R
Res1206
T1 D1 SLUG 3
T2 D2 SLUG 3
R3
10K5
C6
10pF
C4
100μF/16V
R2
10K5
L1
150μH
D3
30BQ040
C5
10pF
R1
25K5
VLED
U2
LM321MF
C7
0.1μF
VLED
C1
6.8μF/50V
0.01μF
C3
LM2675 U1
Cb
NC
NC
FB
ON/OFF
GND
Vin
Vsw

FIGURE 19